



## Galvenā

Produkta sērija	Harmony Control Relays
Relay type	Current control relay
Produkta vai sastāvdaļas veids	Current control relay
Relay name	RM17JC
Relay monitored parameters	Overcurrent detection
Time delay	Without
Switching capacity in VA	1250 VA
Minimum switching current	10 mA 5 V DC
Maximum power consumption in VA	3 VA
Measurement range	2...20 A AC
Utilisation category	AC-12 IEC 60947-5-1 AC-13 IEC 60947-5-1 AC-14 IEC 60947-5-1 AC-15 IEC 60947-5-1 DC-12 IEC 60947-5-1 DC-13 IEC 60947-5-1 DC-14 IEC 60947-5-1
Kontaktligzdas tips	1 C/O

## Papildinošs

Maximum switching voltage	250 V AC/DC
[Us] rated supply voltage	AC/DC
Supply voltage limits	20,4...264 V AC/DC
Operating voltage tolerance	- 15 % + 10 % Un
Maximum power consumption in W	1 W
Control circuit frequency	40...70 Hz sinusoidal
Output contacts	1 C/O
Nominal output current	5 A
Maximum measuring cycle	30 ms measurement cycle as true rms value
Hysteresis	15 % fixed threshold setting
Delay at power up	0,5 s
Mērijumu precizitāte	+/- 10 % of the full scale value
Repeat accuracy	+/- 0.5 % input and measurement circuit
Measurement error	+/- 0.05 %/°C with temperature variation < 1 % over the whole range with voltage variation
Response time	< 200 ms in the event of a fault)
Polarity	Yes DC
Threshold setting	10...100 %
Input current	100000 mA permanent at 25 °C 300000 mA non repetitive < 3 s at 25 °C
Markējums	CE : 73/23/EEC CE : EMC 89/336/EEC
Overvoltage category	III IEC 60664-1
Insulation resistance	> 500 MOhm 500 V DC IEC 60255-5 > 500 MOhm 500 V DC IEC 60664-1

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[Ui] rated insulation voltage	400 V IEC 60664-1
Insulation	Between supply and measurement
Operating position	Any position without derating
Connections - terminals	Skrūvju spaiļes, 1 x 0.5...1 x 4 mm <sup>2</sup> AWG 20...AWG 11) ciets without cable end Skrūvju spaiļes, 2 x 0.5...2 x 2.5 mm <sup>2</sup> AWG 20...AWG 14) ciets without cable end Skrūvju spaiļes, 1 x 0.2...1 x 2.5 mm <sup>2</sup> AWG 24...AWG 12) elastīgs with cable end Skrūvju spaiļes, 2 x 0.2...2 x 1.5 mm <sup>2</sup> AWG 24...AWG 16) elastīgs with cable end
Tightening torque	0,6...1 N.m IEC 60947-1
Korpusa materiāls	Self-extinguishing plastic
Lokālā signalizēšana	Priekš barošana IESLĒGTA LED (zaļš) Priekš relay ON LED (dzeltens)
Montāžas stiprinājums	35 mm symmetrical DIN rail atbilst IEC 60715
Elektriskā izturība	100000 cikli
Mehāniskā izturība	30000000 cikli
Operating rate	<= 360 operations/hour pilna slodze
[Un] rated nominal voltage	24...240 V AC/DC 50/60 Hz, non self-powered
Kontaktligzdas materiāls	Cadmium free
Platums	17,5 mm
Vadības veids	Without test button
Neto svars	0,13 kg

## Vide

Immunity to microbreaks	10 ms
Electromagnetic compatibility	Emission standard for industrial environments conforming to IEC 61000-6-4 Emission standard for residential, commercial and light-industrial environments conforming to IEC 61000-6-3 Immunity for industrial environments conforming to NF EN/IEC 61000-6-2
Standarti	IEC 60255-6
Produkta sertifikācija	GL[RETURN]C-Tick[RETURN]GOST[RETURN]UL[RETURN]CSA
Apkārtējā gaisa temperatūra uzglabāšanai	-40...70 °C
Ambient air temperature for operation	-20...50 °C
Relative humidity	95 % 55 °C IEC 60068-2-30
Vibration resistance	0.35 mm 5...57,6 Hz)IEC 60068-2-6 1 gn 57,6...150 Hz)IEC 60255-21-1
Shock resistance	15 gn 11 ms IEC 60255-21-1
IP degree of protection	IP20 IEC&nbsp;60529 terminals) IP30 IEC&nbsp;60529 casing)
Pollution degree	3 IEC 60664-1
Dielectric test voltage	2 kV AC 50 Hz
Non-dissipating shock wave	4 kV

## Iepakojšanas vienības

Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	2,800 cm
1. iepakojuma platums	9,700 cm
1. iepakojuma garums	10,400 cm
1. iepakojuma svars	123,000 g
Otrā iepakojuma vienības tips	S02
Vienību skaits 2. iepakojumā	32
2. iepakojuma augstums	15,000 cm
2. iepakojuma platums	30,000 cm
2. iepakojuma garums	40,000 cm
2. iepakojuma svars	4,380 kg

## Piedāvājiēt ilgtspēju

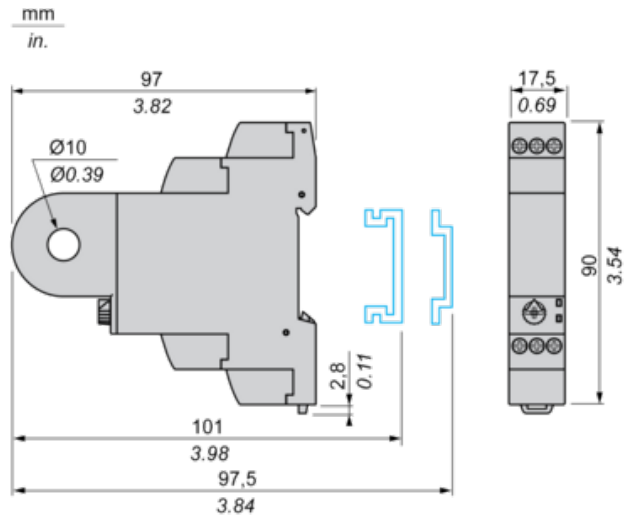
Ilgtspējīgs piedāvājuma statuss	Green Premium izstrādājums
REACH regula	<a href="#">REACH Deklarācija</a>
ES RoHS direktīva	Proaktīva atbilstība (uz izstrādājumu neattiecas ES RoHS juridiskās saistības)
Nesatur dzīvsudrabu	Jā
Ķīnas RoHS regula	<a href="#">Ķīnas RoHS Deklarācija</a>
Informācija par RoHS izņēmumiem	<a href="#">Jā</a>
Vides informācijas publicēšana	<a href="#">Produkta Ietekme Uz Vidi</a>
Cirkularitātes profils	<a href="#">Informācija Par Eksploatācijas Izbeigšanu</a>
WEEE	Eiropas Savienības tirgū no šī produkta ir jāatbrīvojas, ievērojot noteiktu atkritumu savākšanas kārtību, un produkts nedrīkst nonākt sadzīves atkritumu tvertnēs.

## Līguma garantija

Garantija	18 months
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Current Control Relays

Dimensions and Mounting

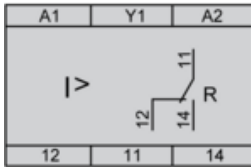


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Current Control Relays

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Wiring Diagram

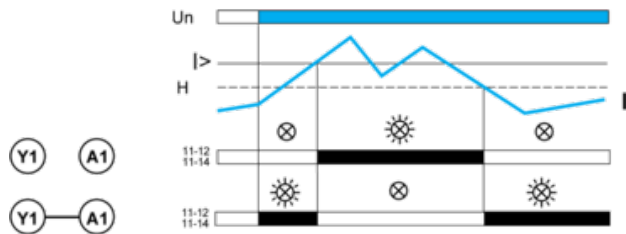


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Function Diagram

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Control of Overcurrent



Legend

$U_n$  Supply voltage

$I$  Monitored current

$H$  Hysteresis

$I >$  Overcurrent threshold (set by means of a potentiometer)

11-12/11-14, 21-22/21-24 Output relay connections (refer to Connections and Schema)

Relay status: black color = energized.

NOTE: When terminal Y1 is linked to A1 (+), the output is reversed.